

[14] CLAIMS

[15] I claim:

1                    1.        An improved safety harness of the type where left and right front  
2        suspender straps pass through a crossover to become right and left rear suspender straps,  
3        respectively, and whose ends are joined by a seat strap, wherein the improvement  
4        comprises an anti-tangling strap joining the left and rear suspender straps disposed  
5        between the crossover and the seat strap and forming a triangle wherein the crossover is  
6        at the apex of the triangle and a height of the triangle is greater than about eight.

1                    2.        The improved safety harness of Claim 1, wherein the height of the  
2        triangle is less than about sixteen inches.

1                    3.        The improved safety harness of Claim 1, wherein the anti-tangling  
2        strap is formed by laminating two plies of strap material.

1                    4.        The improved safety harness of Claim 3, wherein the anti-tangling  
2        strap is laminated by stitching and/or adhesive.

1                    5.        The improved safety harness of Claim 1, wherein the anti-tangling  
2        strap is formed from a flexible plastic material.

1                   6.     The improved safety harness of Claim 1, wherein the anti-tangling  
2     strap is stiffer than the suspender straps but is elastically flexible in a direction normal to  
3     the plane of the anti-tangling strap.

1                   7.     The improved safety harness of Claim 6, wherein the anti-tangling  
2     strap cannot be readily flexed in a direction parallel to the plane of the anti-tangling strap  
3     and normal to the long axis of the anti-tangling strap.

1                   8.     A wearable safety harness comprising:  
2                   left and right front suspender straps;  
3                   right and left rear suspender straps connected respectively to the left and  
4                   right front suspender straps by a crossover;  
5                   a seat strap joining distal ends of said rear suspender straps; and  
6                   an anti-tangling strap joining the left and rear suspender straps disposed  
7                   between the crossover and the seat strap and forming a triangle  
8                   wherein the crossover is at the apex of the triangle and a height of  
9                   the triangle is between about eight and about sixteen inches.